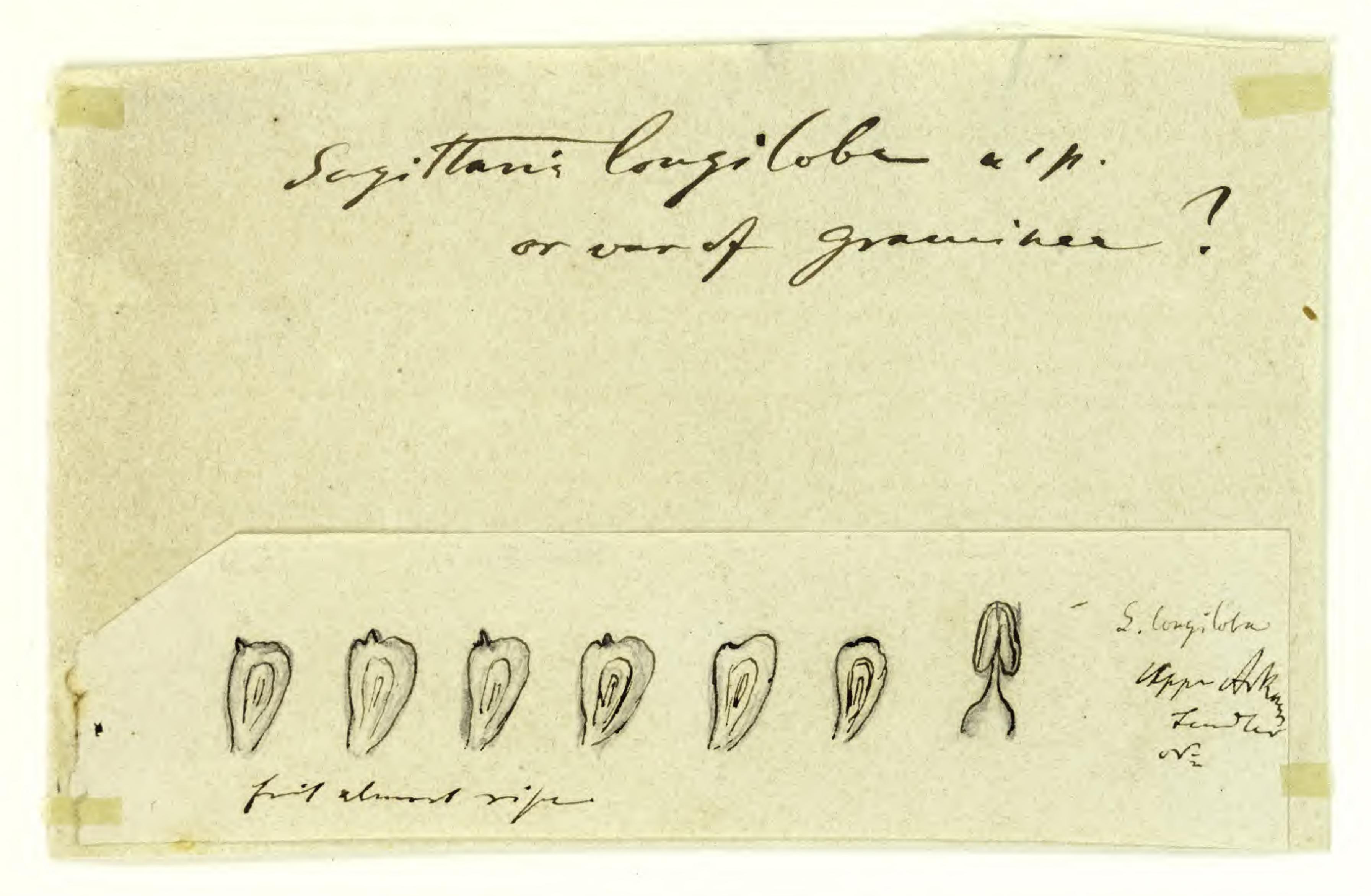
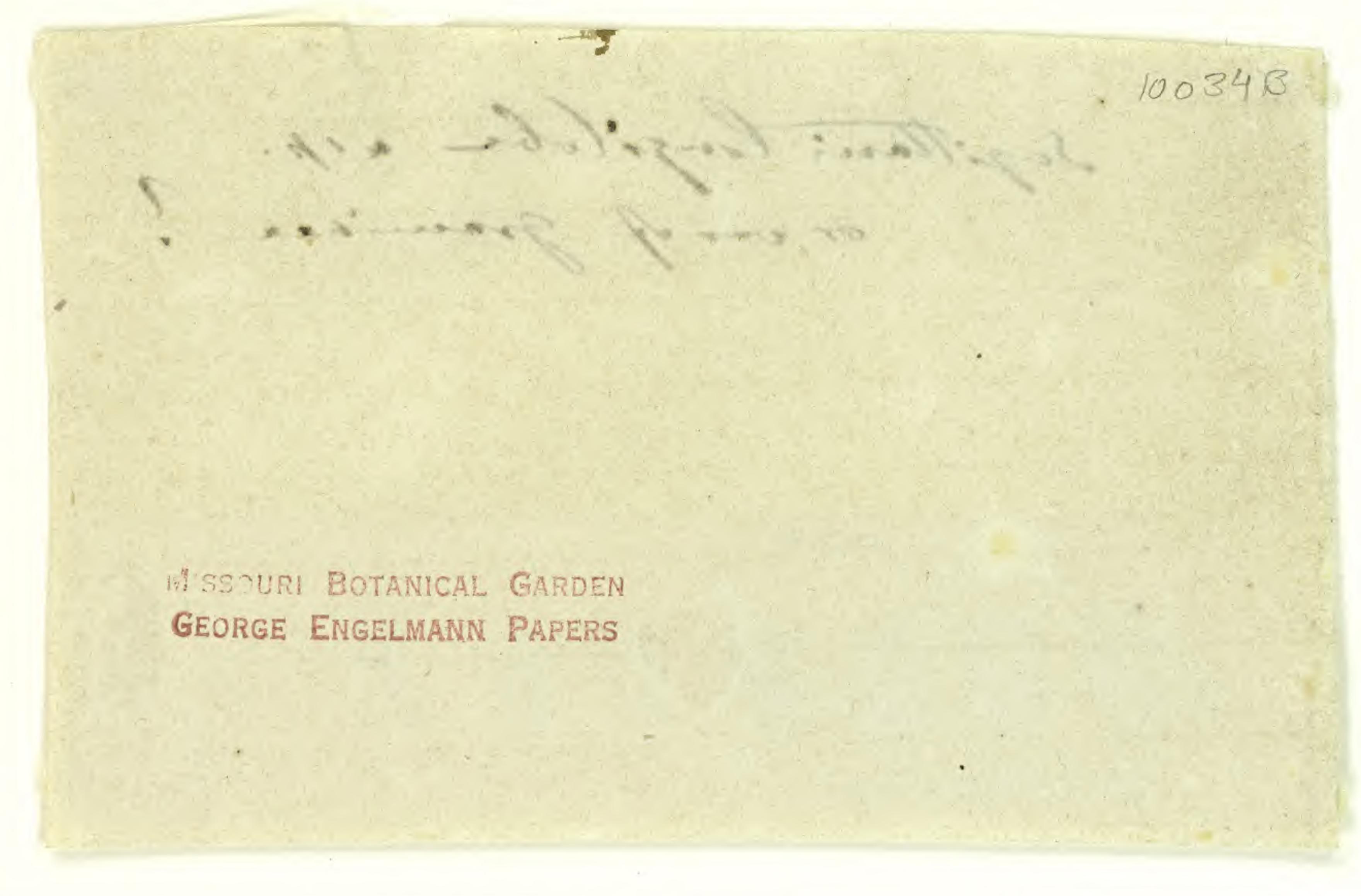


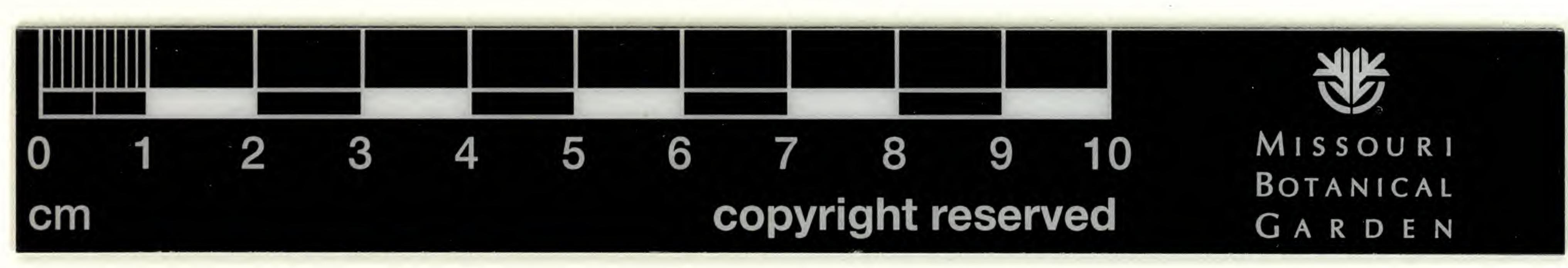
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Editorial Mote

JUNE,

vancy is of primary importance to the full pect of authorities to render the training i efficient as possible. On the whole attention more thoroughly to its practical duties. establishment has now got into fair working order, and can turn its past, so ably detailed in this Report, and to look forward with a efficient as possible. with the good progress made by the Indian Forest Department in its most useful form, benefit to India at large. The success of such an institution still more rapid progress in and no effort should be spared by the imparted in it as complete the immediate future, since have reason to OF GROUP CITEDAG be satisfied by the in the prosand the

has taken age, and his extensive experience, as well as the thoroughly practical natural mind, caused him to be known as an authority on agricultural matters. gent occurred on the 11th inst., at Edinburgh. Mr. Brown, who was in his for the gent, had devoted himself to the advancement of agriculture from a very gent occurred on the 11th inst., at Edinburgh. knowledge of the management of forest trees he had few equals, ook of the Landed Estate," published by Messrs. Blackwood, of Edtaken high rank amongst literary productions of this character. Moreover, the character of the character of the character of the character. LATE MR. ROBERT ERSKINE BROWN. by Messrs. Blackwood, of Edinburgh, The early death of this well-kno fortieth In

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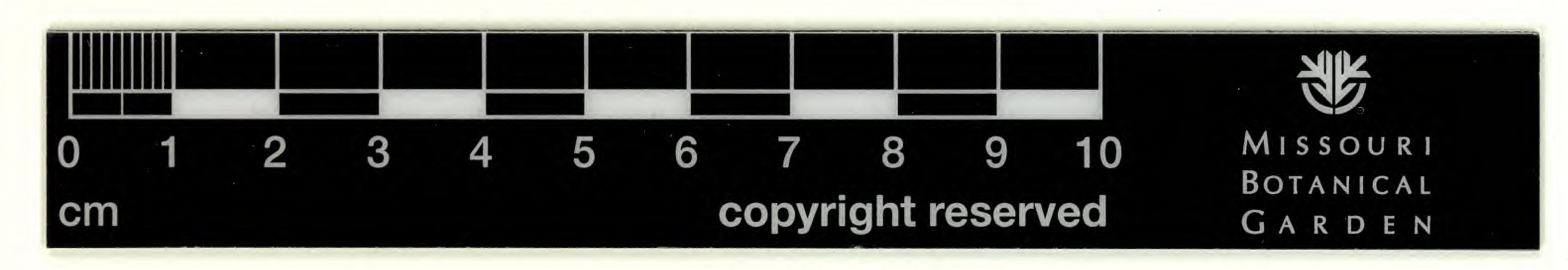
Editorial Notes.

1880.]

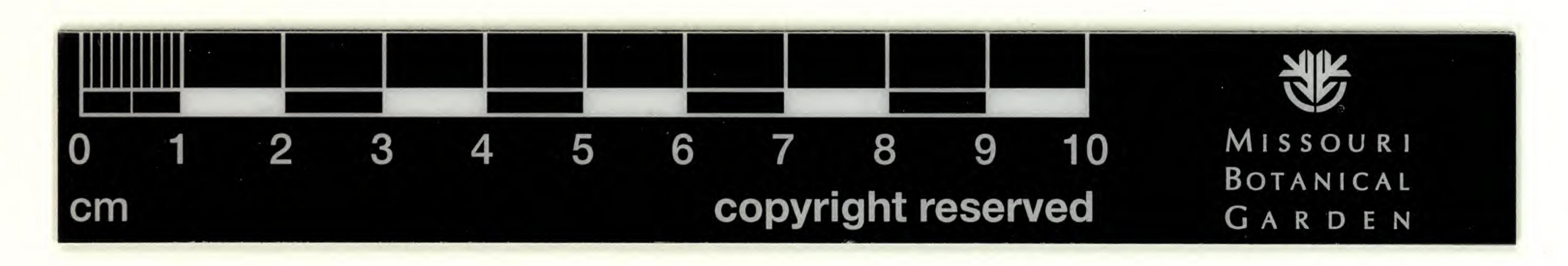
the general prosperity revenue from the Indian forests fores the forest reve is, amounting only to about £18,000 for that year, are, sta de at the seaports, with the prevalence of drought and fan inland districts, and the consequent short demand for tim every With the experience gained in the past, and the intro efficient system of management to suit the natu we do not think it i conserve satisfactori more or less; but with the influences and has overlooked it and deterioration that is thoroughly s the obtained, These are drawbacks from which more rapidly than it efficient derived from improvements The well-known beneficial ble that other material objects should be s ascribed for so heavy a falling-off in pe The encroachment and nodn However, results will revenue to create a big yearly surplus. to be accomplished, and when planting and other er forest produce. These are di the world has recently suffered forests be expected to increase much more prosperous times, the the success be no longer in doubt. of each district, greater extent of a vast increase in undue undoubtedly follow. forests from ecessary most forest of the desira surplu Wants reason other many done. haste the of











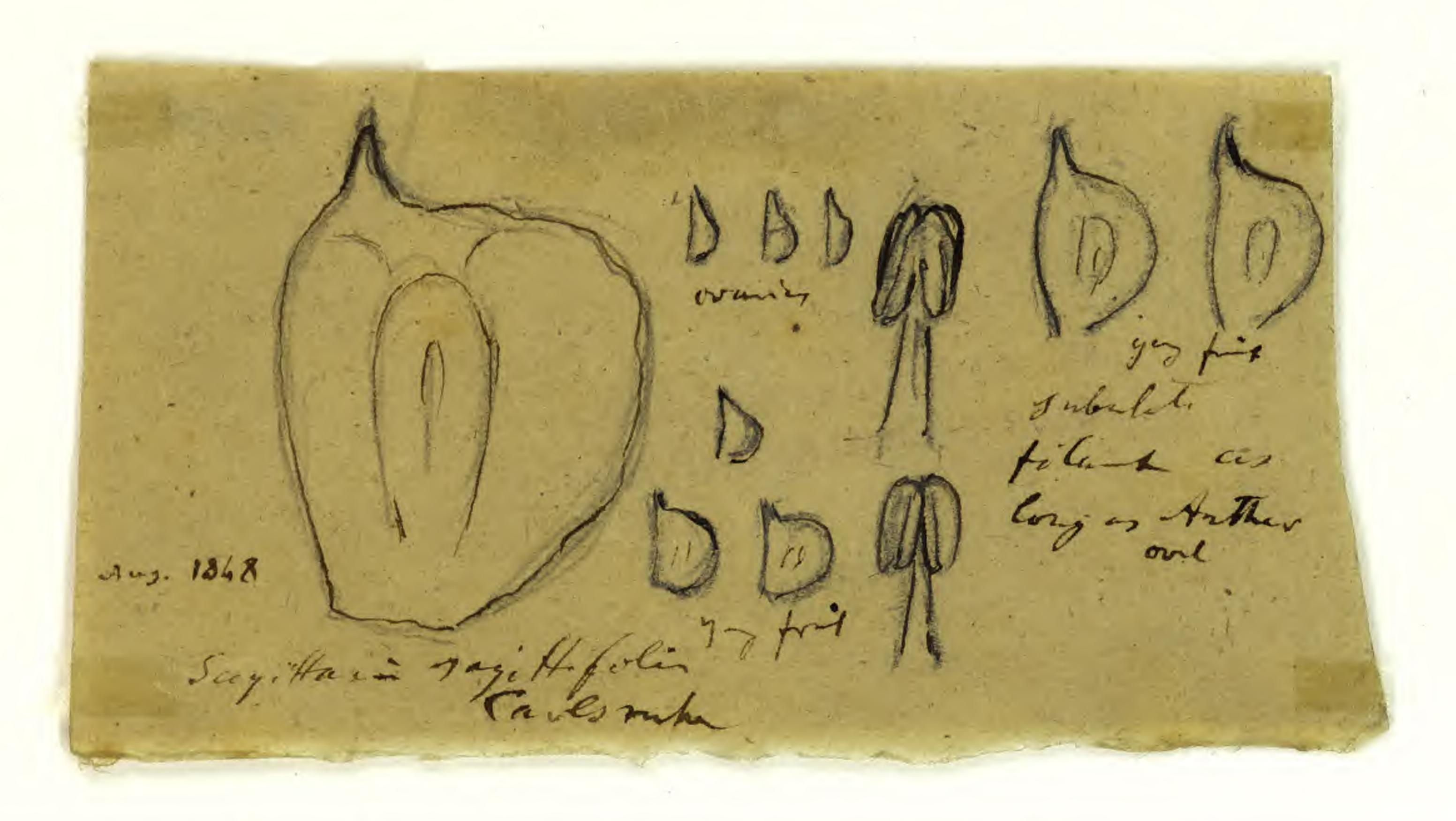
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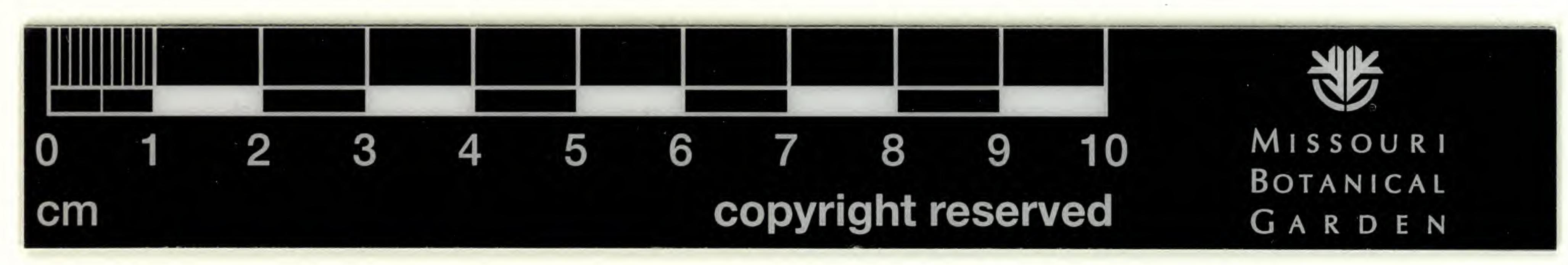
cumstances prevented me from obtaining more than a crystals, which are now deposited in the collection of Smithsonian Institute; a few others are also in the hand members of the party. We were travelling at the time forced night marches with nearly worn out animals, see to gain a spring of water in a distant range of mount doubt that more interesting materials are to be found a f the former Territory of Utah proneralogist. We know already of golust, west and south part of that discovers in the south, and I have discovered for the south, and I have discovered for Mountains and near Little has the mountains south-east of Utah Salt Lake; of various other salts ates, composing the granites, porpland lavas, nearly over the whole ar

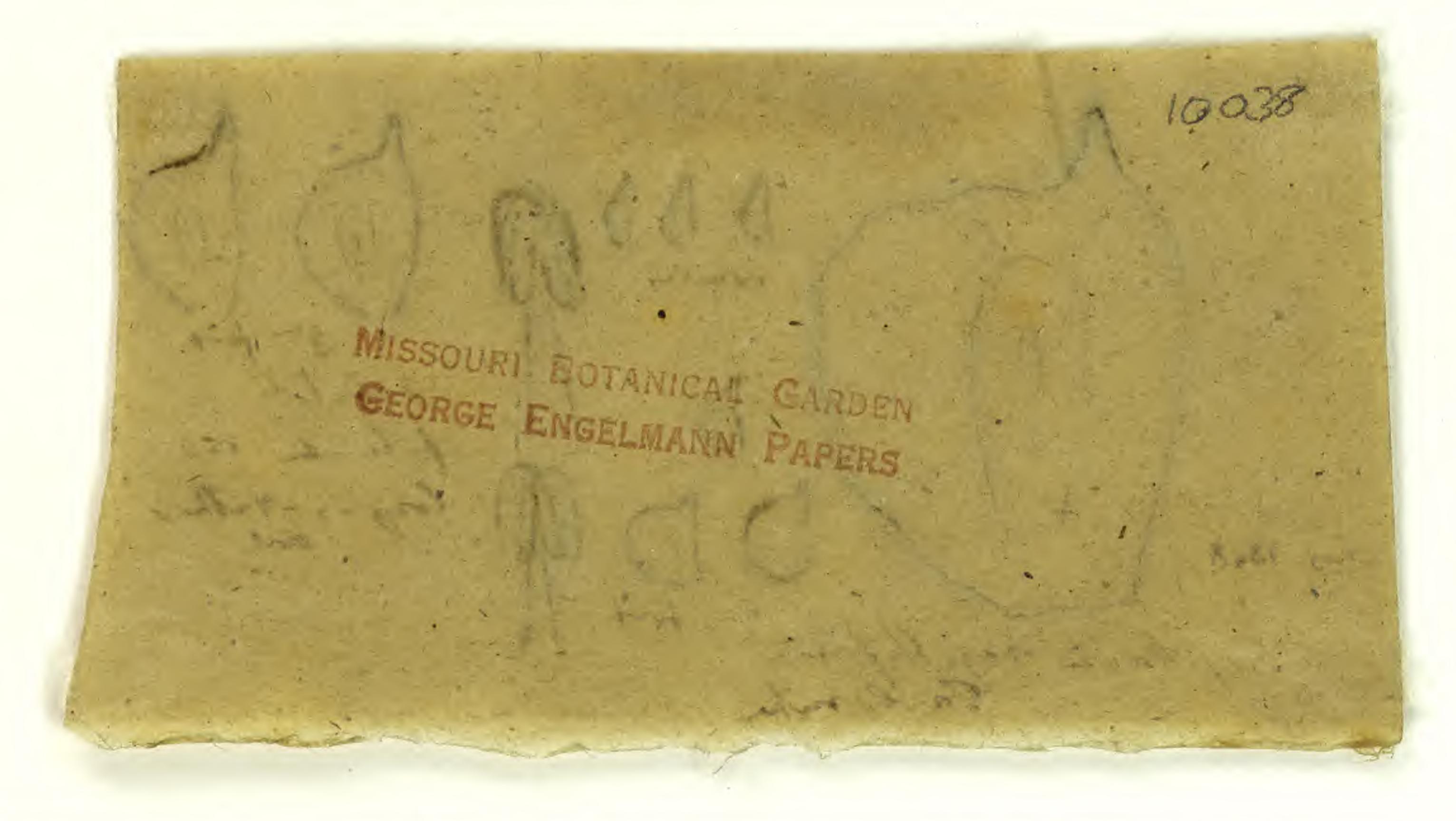
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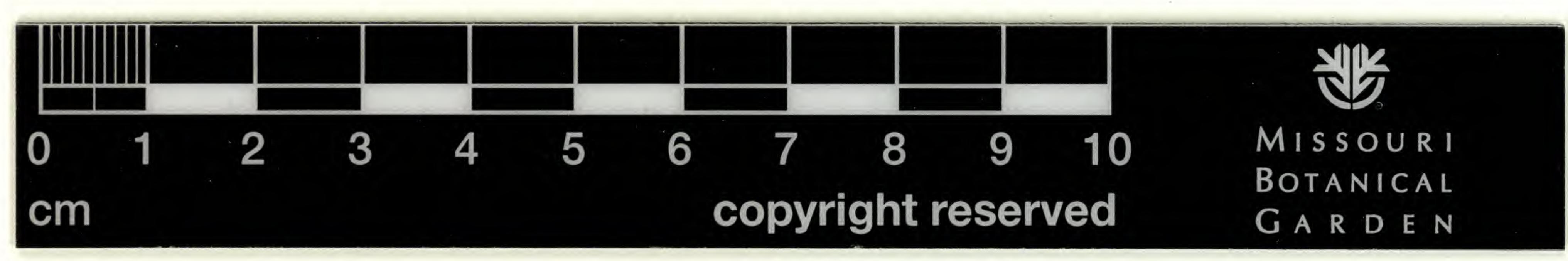












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TRANS. OF THE ACAD. OF S

interrupted descent and ascent took place from January to December, we find in 1862 some interruptions in the steps of that ladder. The electricity in February, 1862, is about four degrees higher than that of January, April somewhat higher than March, and July is the lowest instead of September in 1861. These trifling irregularities may be accounted for by differences in temperature and relative humidity, and by a greater number of thunderstorms in 1862. January of 1862, for instance, was so unusually rainy, that its relative humidity too was unusually high, diminishing thus electricity. But the general features of distribution of electricity throughout the year are apparent in both years, and we may in that respect divide the twelve months of each year into two or three groups. Computing the months which give the highest electricity and those which give the lowest in each year, we find that in both years the months of January, February, March, April, November and December exhibit the highest, and the months of May, June, July, August, September and October the lowest electricity. The first group gives



electricity was connected in

No. times.	No. times.	
30	32	with thunderstorms.
23	28	thunder and
20	4	ith dry storms (without rain and wi
		der and lightning).
4	3	with snow.
_	0	with fog.
78	6.7	

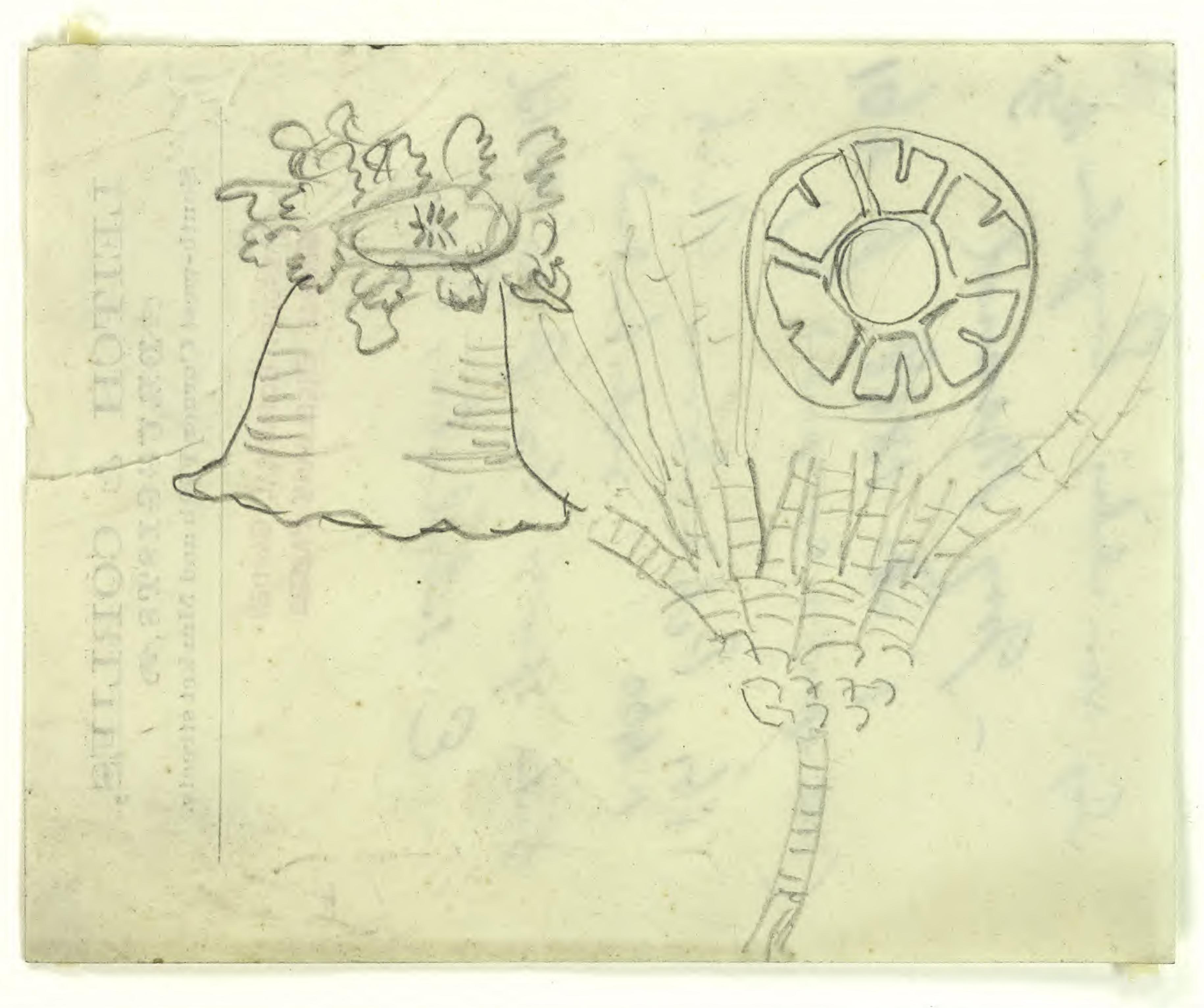
in without thunderstorm was accompanied

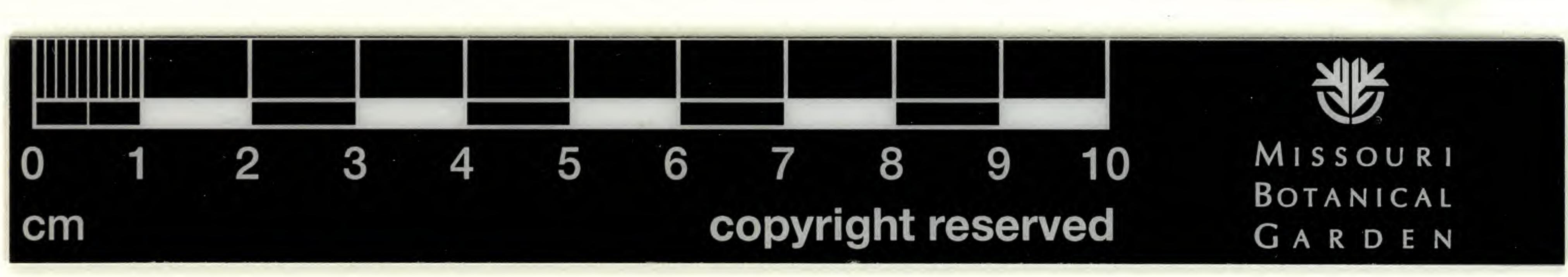
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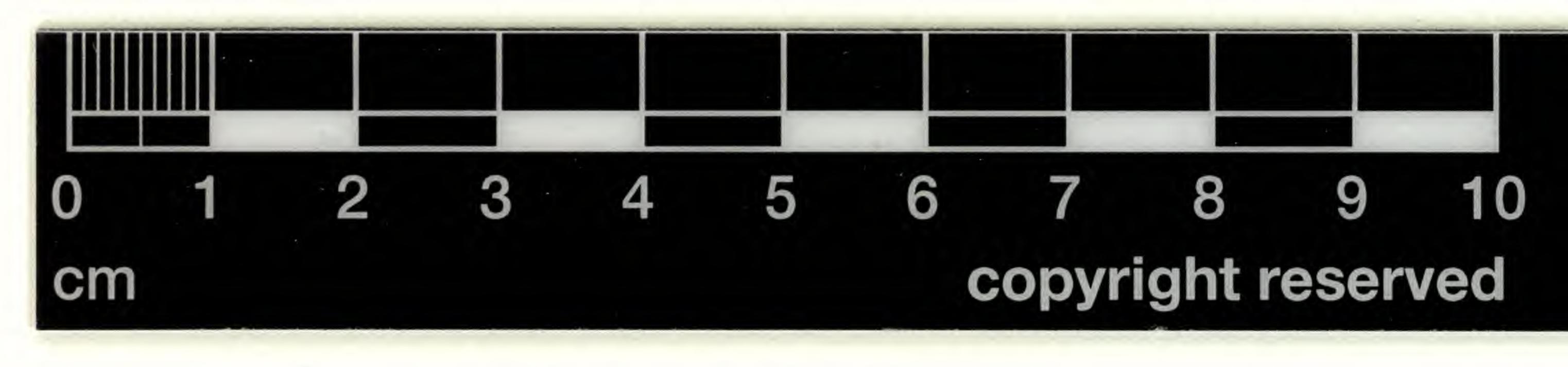
	By Positive city	Bositive Electricity.	By Negative Electricity.	re Electri-	By no Electricity	ectricity
	In 1861.	In 1862.	In 1861.	In 1862.	In 1861.	In 186
January	2	2	3	2	****	2
February	2		4	1	•••••	•
March						

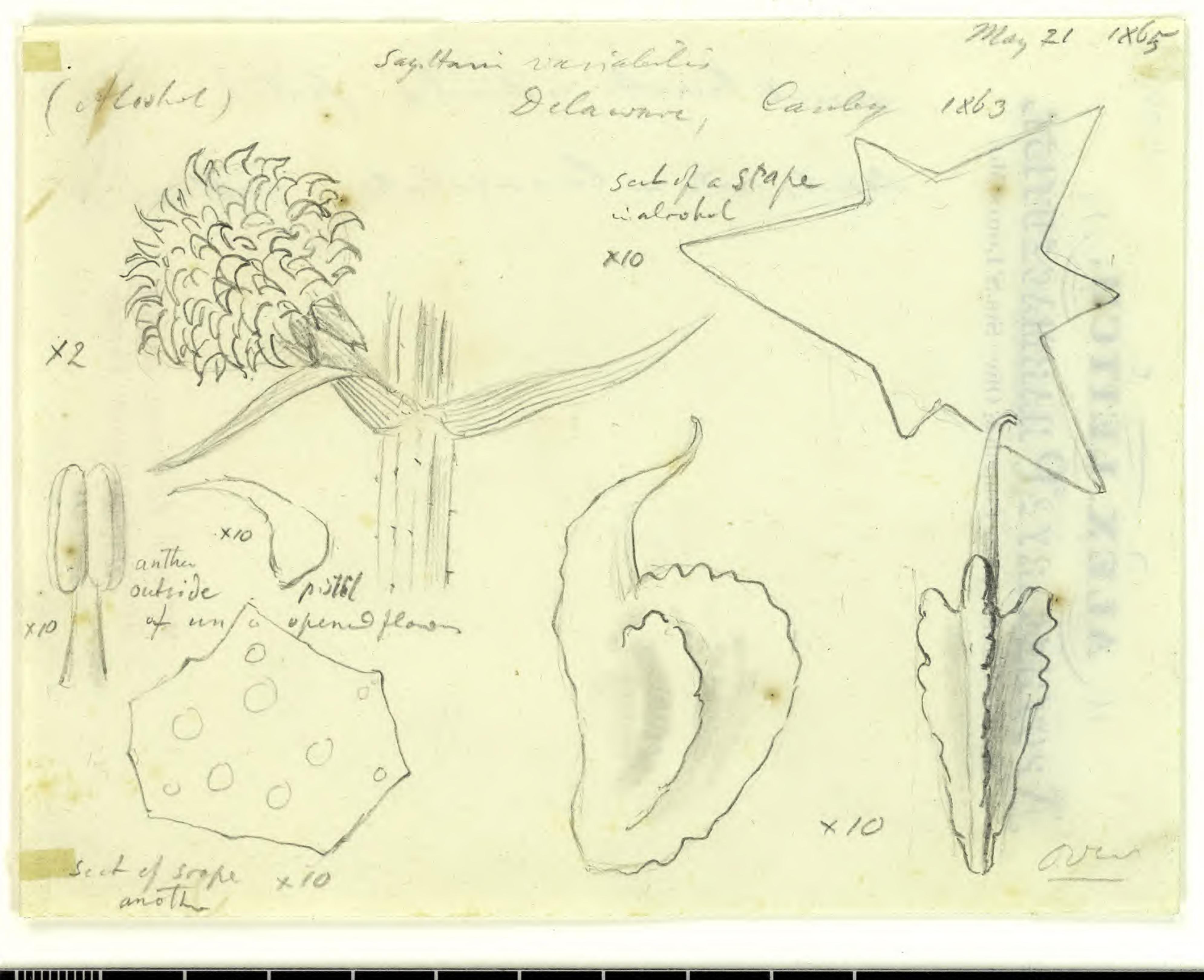
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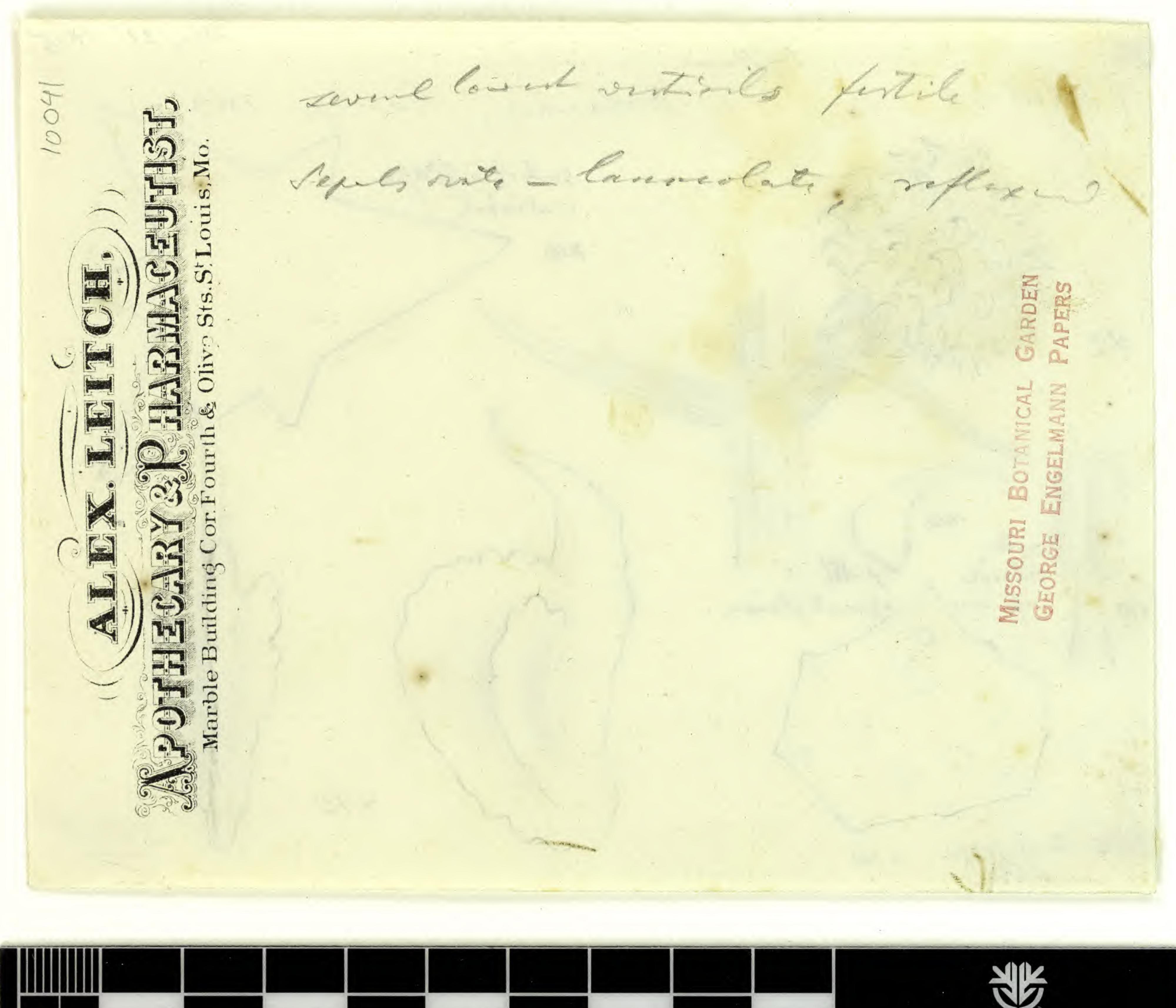


(all spanis company) ibi Pehinosom Mich p.460 restitus but spring by Grays history Pelekan Ing. CEORGE ENGELMAIN PAPERS MAGRAD JANINATOB IRUCZZ South-west Corner Hifth and Market streets. CO'SKEKDDDA BEOKD EHITHON FOLIET



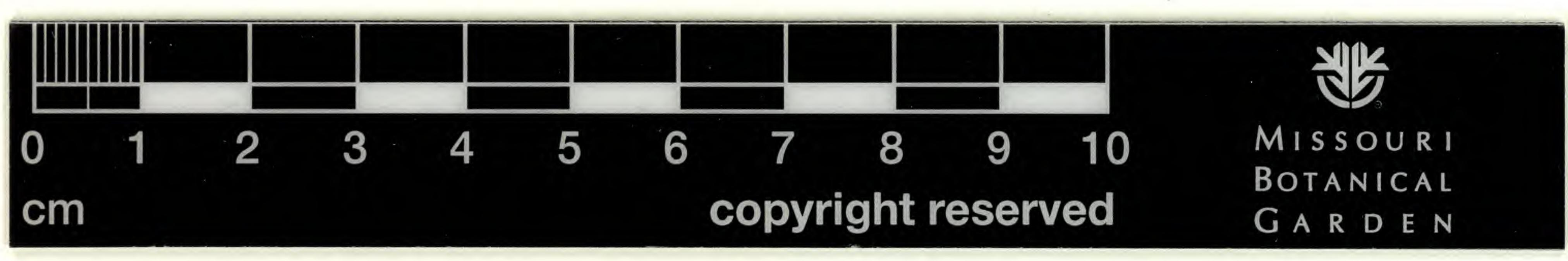


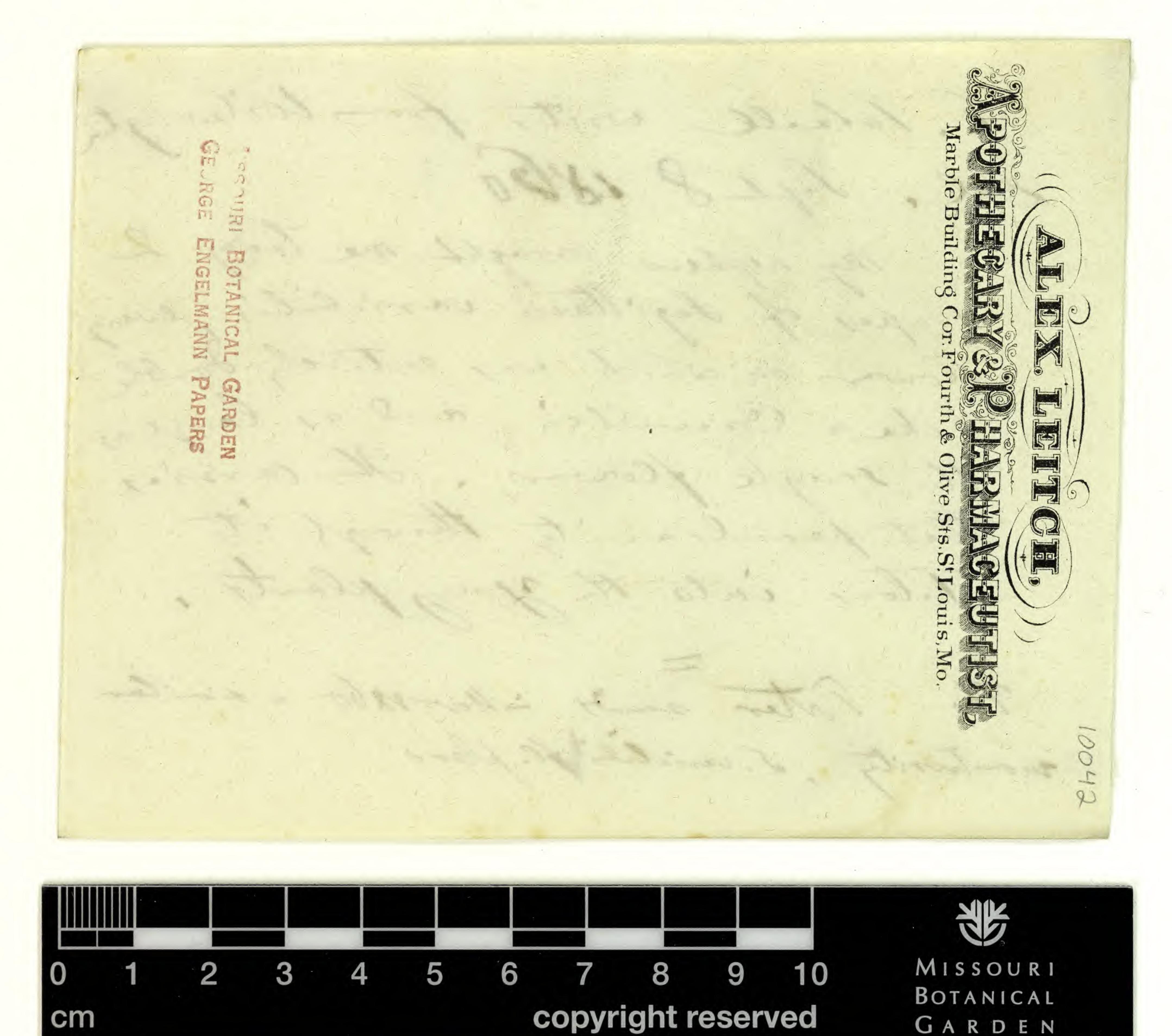






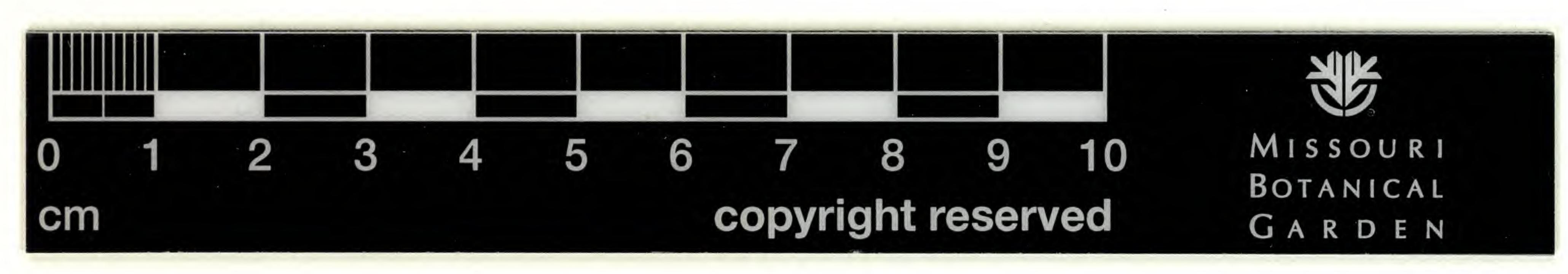
E. Talalle write from Willington Del. Syl 8 1860 My nephen brought me today 2 scapes of Segillaria vanishilis, even flower on astich was entirely double Cike a Caculley, and as lange as the single flower. It carries That pearlianity through it, Stolon into the your plants, The Soter said Mar 1260 a similar monstrosity, S. variability. pleas

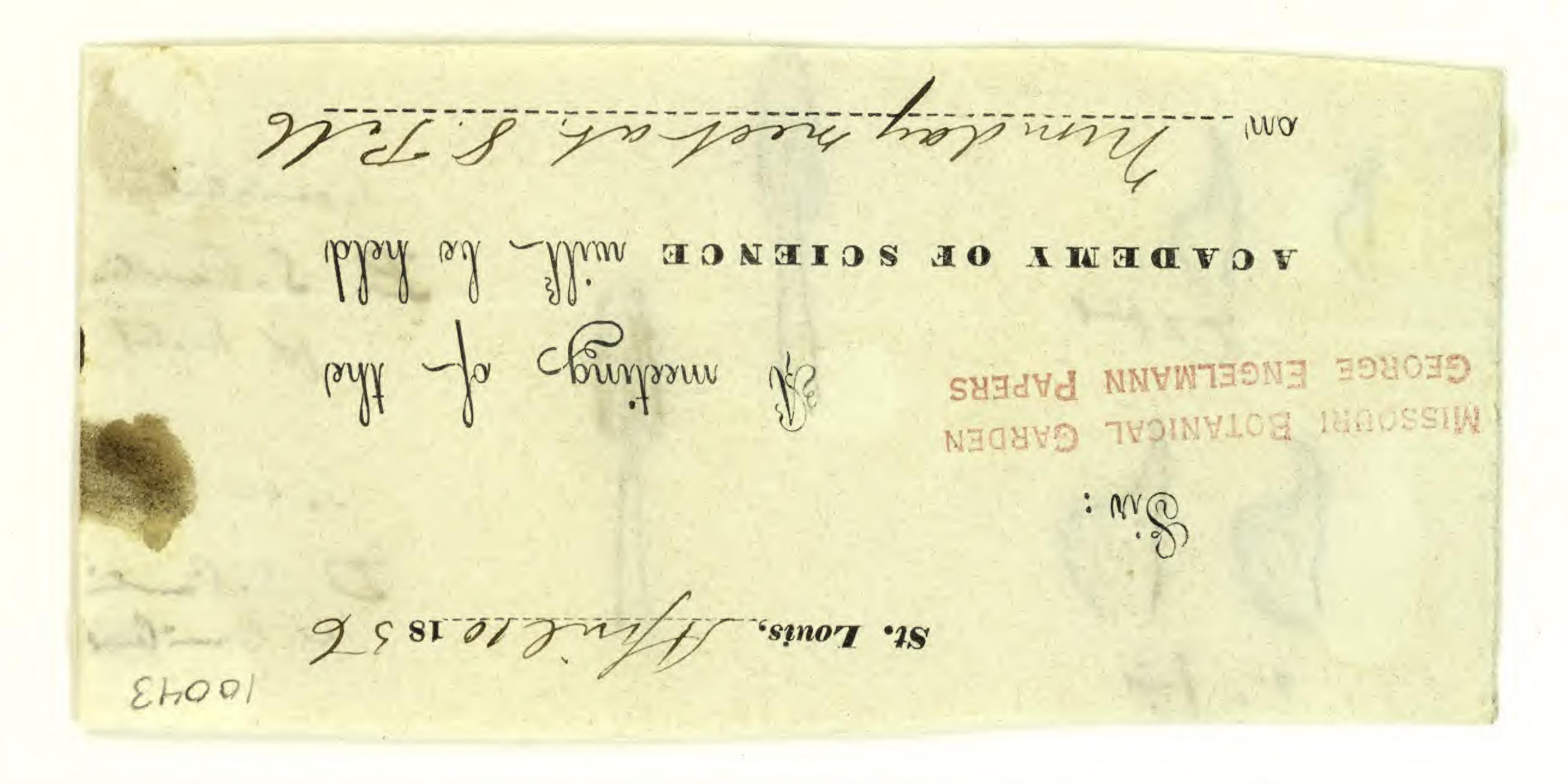


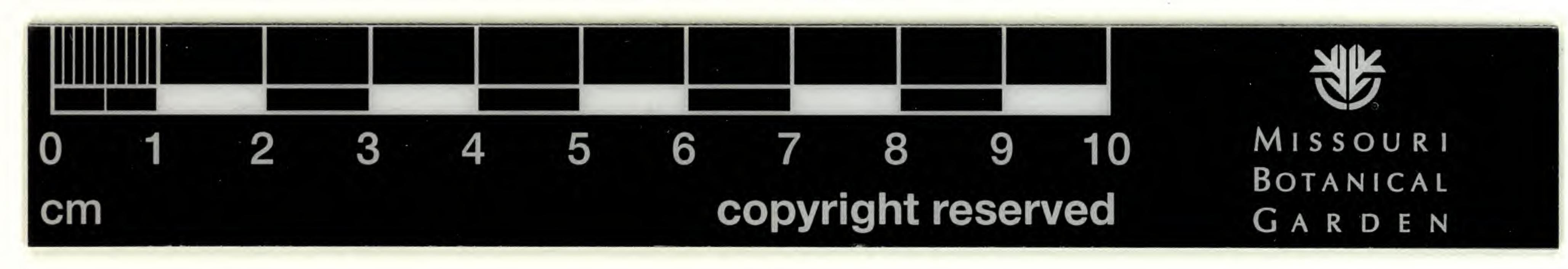


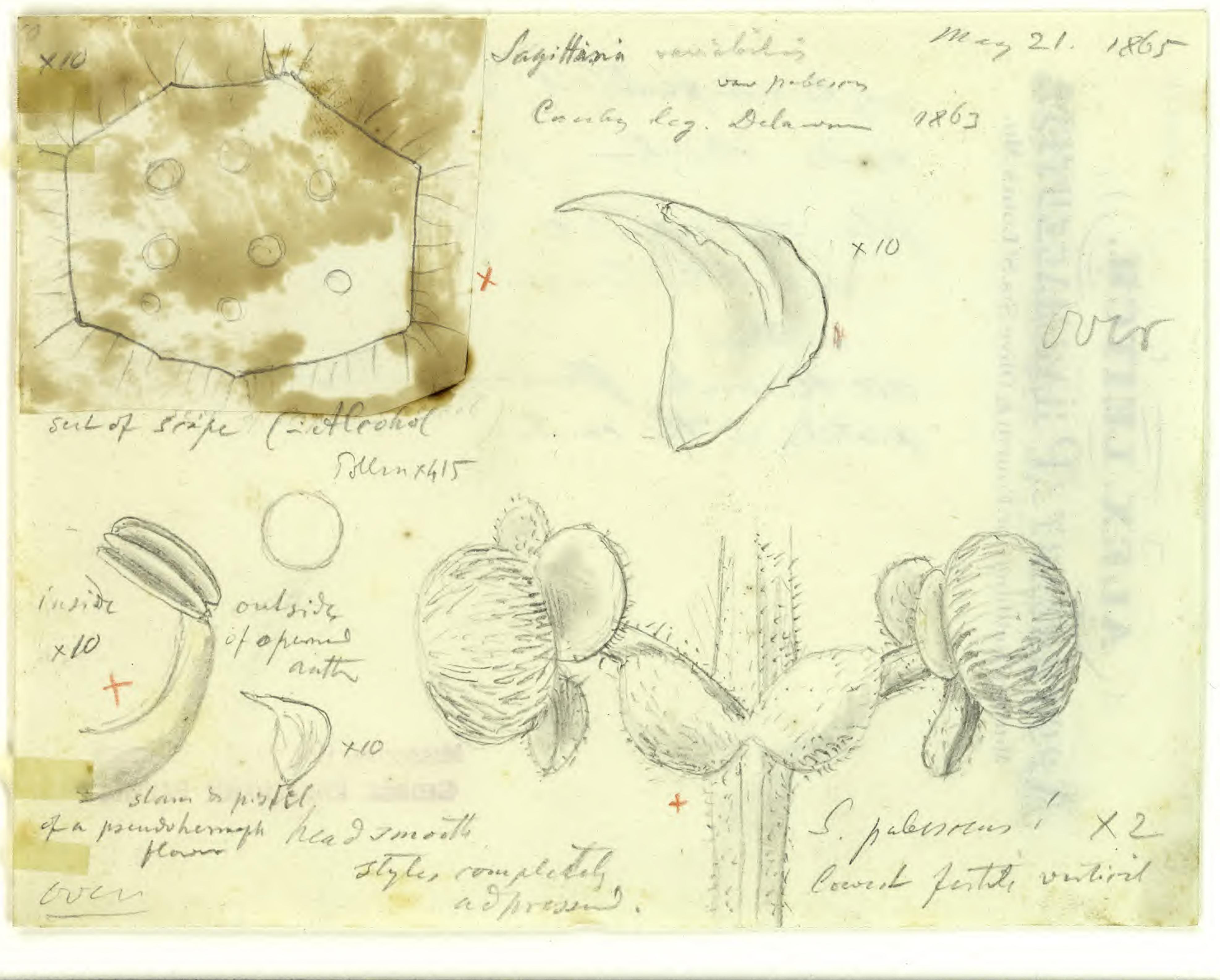
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